

Please delete the paragraph on page 17, line 17 and replace therefor with the following:

Q1

FIGURE 31 shows the amino acid sequence for rhUG (SEQ. ID NO. 11)

Please delete the paragraph on page 54, lines 17-20 and replace therefor with the following:

Q2

N-terminal Sequence analysis. The sequence of the N-terminus was carried out using pulsed phase N-terminal sequencing on an Applied Biosystems (ABI) 477A automatic protein sequencer. The analysis was performed by M-Scan Inc. A sequence of Ala-Ala-Glu-Ile (SEQ. ID NO. 10) was confirmed for cGMP batches of rhUG with standard research lot rhUG/7 as a control.

Please delete the paragraph on page 66, lines 8-16 and replace therefor with the following:

Q3

RhUG (SEQ. ID NO. 11) is a dimeric protein with a molecular weight of 16110 kilodaltons as calculated from the amino acid sequence and confirmed by electrospray mass spectroscopy. The protein is composed of two subunits bound to one another by two cystine bonds. Relative subunit molecular weight and the presence of the cystine bonds has been determined by SDS-PAGE under reducing and non-reducing conditions. The DNA sequence of the bacterial strain, CG12, was confirmed as was the amino acid sequence of the N-terminus of the protein by Edman degradation. The sequence of the N-terminus was Ala-Ala-Glu-Ile as predicted (SEQ. ID NO. 10). Cysteine is not readily detected by this method both due to the inherent chemistry and to the fact that the cysteine is involved in sulfur bonding.

Please enter the attached paper copy of the sequence listing into the application.

REMARKS

Applicants have hereinabove amended the specification to correct certain sequence identification numbering within the specification. Pursuant to 37 C.F.R.